PATENT COOPERATION TREATY

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REC'D 1 4 MAR 2005

INTERNATIONAL PRELIMINARY EXAMINATION REPORTS

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(PCT Article 36 and Rule 70)

Applicant's or agent's file reference PP19766.002	FOR FURTHER ACTION		of Transmittal of International amination Report (Form PCT/IPEA/416)	
International application No.	International filing date (day/month/year)		Priority date (day/month/year)	
PCT/US03/29167	15 September 2003 (15.09,2003)		15 September 2002 (15,09,2002)	
International Patent Classification (IPC)				
IPC(7): A61K 39/385, 39/02, 39/09, 39/0	0 and US CI.: 424/197.11, 234.1, 2	44.1, 184.1, 236.1	, 831	
Applicant				
CHIRON CORPORATION	-			
Examining Authority and i	ary examination report has been is transmitted to the applicant act at total of	cording to Artic	le 36.	
This report is also accombich have been amen	ompanied by ANNEXES, i.e., solded and are the basis for this resee Rule 70.16 and Section 607	heets of the desc port and/or shee	ription, claims and/or drawings ts containing rectifications made rative Instructions under the PCT).	
 This report contains indicate 	tions relating to the following it	ems:		
I Basis of the repo	ort			
II Priority				
	ent of report with regard to nove	ity, inventive ste	ep and industrial applicability	
IV Lack of unity of				
V Reasoned statem applicability; cita	ent under Article 35(2) with regations and explanations supporti	gard to novelty, i	nventive step or industrial	
VI Certain documen		arb capit clasomic		
VII Certain defects in	n the international application	iš.		
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Date of submission of the demand	77_1_			
	Date	of completion of	uns report	
129pril 2004 (12,04,2004	05.	march 20	25 (05.03,2005)	
Name and mailing address of the IPEA/US Mail Stop PCT, Atta: IPEA/ US	Aut	ized officer	70011	
Commissioner for Patents P.O. Box 1450	S. De	Affile	Dell-Harris Au	
Alexandria, Virginia 22313-1450 Facsimile No. (703)305-3230	Teleph	one No. (57/	0272-1600	
form PCT/IPEA/409 (cover sheet)(July 199				

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No.		
PCT/US03/29167	•	

I.	Basi	is of the report
1.	With	regard to the elements of the international application:*
	\boxtimes	the international application as originally filed.
	\boxtimes	the description:
		pages 1-31 as originally filed
		pages NONE , filed with the demand pages NONE , filed with the letter of
	X	the claims:
	لكسيكا	pages 32-34 , as originally filed
		pages NONE, as amended (together with any statement) under Article 19
		pages NONE, filed with the demand pages NONE, filed with the letter of
	13	the drawings: pages <u>NONE</u> , as originally filed
		pages NONE , filed with the demand
	,	pages NONE , filed with the letter of
		the sequence listing part of the description:
		pages NONE as originally filed pages NONE filed with the demand
		pages NONE , filed with the letter of
2.	Witt	regard to the language, all the elements marked above were available or furnished to this Authority in the
	lang	uage in which the international application was filed, unless otherwise indicated under this item.
	Ines	se elements were available or furnished to this Authority in the following language which is:
	H	the language of a translation furnished for the purposes of international search (under Rule23.1(b)).
	H	the language of publication of the international application (under Rule 48.3(b)).
		the language of the translation furnished for the purposes of international preliminary examination (under Rules 55.2 and/or 55.3).
3.	With	regard to any nucleotide and/or amino acid sequence disclosed in the international application, the national preliminary examination was carried out on the basis of the sequence listing:
		contained in the international application in printed form.
		filed together with the international application in computer readable form.
		furnished subsequently to this Authority in written form.
		furnished subsequently to this Authority in computer readable form.
		The statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.
		The statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished.
4.		The amendments have resulted in the cancellation of:
		the description, pages <u>NONE</u>
		the claims, Nos. NONE
	_	the drawings, sheets/fig NONE
5.		This report has been established as if (some of) the amendments had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).**
	eplace repor	ement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in t as "originally filed" and are not annexed to this report since they do not contain amendments (Rules 70.16 and 70.17). placement sheet containing such amendments must be referred to under item 1 and annexed to this report.
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#### INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No. PCT/US03/29167

1. STATEMEN	T			
Nove	elty (N)	Claims NONE		YES
		Claims 1-17		NO
Inver	ative Step (IS)	Claims NONE		YES
	- ' '	Claims 1-17		NO
Indu	strial Applicability (IA)	Claims 1-17		YES
		Claims NONE		NO
CITATIONS	AND EXPLANATIONS			
anugen. A metho taught. The sacch	ptides, including GBS80 and GBs d of making the compositions or aride antigen is linked to a carrier loes not expressly teach the strent	accines and a method of protein, such as, tetanus	treating an animal using the toxoid, diphtheria toxoid, en in the vaccine to be of C	he compositions or vaccines are or CRM197. BS serotype Ia. Ib. or III
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